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<213> Homo sapiens

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 <213> Homo sapiens

<400> 6127
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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ataaaaaaaaa aaaaaaaaaa aaaatttaaag ag	152

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 <212> DNA
 <213> Homo sapiens

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<210> 6131
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aaaaaaaaaa aacaaaaaaag gag	143

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 <211> 151
 <212> DNA
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 <223> n equals a,t,g, or c

3024

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<223> n equals a,t,g, or c

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<221> SITE
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<223> n equals a,t,g, or c

<220>
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<222> (117)
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naaaaaaaaaa aaaaaaaaaa aaaaaaaaaa naaaaaaaaaa aaaaaaaaaa aaaaaannaaa 120
aaaaaa 125

<210> 6134
<211> 126
<212> DNA
<213> Homo sapiens

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<222> (9)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (10)
<223> n equals a,t,g, or c

<220>
<221> SITE
<222> (14)
<223> n equals a,t,g, or c

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<223> n equals a,t,g, or c

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<223> n equals a,t,g, or c

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aaaaaa	126

<210> 6135
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 <212> DNA
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 <223> n equals a,t,g, or c

<220>
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 <223> n equals a,t,g, or c

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 <212> DNA
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<212> DNA
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005003-091204

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<210> 6203

<211> 2866

<212> DNA

<213> Homo sapiens

<400> 6203

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<212> DNA
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<212> DNA
<213> Homo sapiens

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<211> 466

<212> DNA

<213> Homo sapiens

<400> 6228

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<211> 1623

<212> DNA

<213> Homo sapiens

<400> 6229

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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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<211> 270

<212> DNA

<213> Homo sapiens

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<211> 1362

<212> DNA

<213> Homo sapiens

<400> 6288

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<211> 488

<212> DNA

<213> Homo sapiens

<400> 6289

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<212> DNA
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<212> DNA
<213> Homo sapiens

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aatcccttat	aaatcaaaag	aatagaccga	gataggggtg	agtgttgttc	cagtttgtaa	120
caagagtcca	ctattaaaga	acgtggactc	caacgtcaaa	gggcgaaaaa	ccgtctatca	180
gggcgatggc	ccactacgtg	aaccatcacc	ctaatacagt	tttttggggg	cgaggtgccg	240
taaagcacta	aatcggaacc	ctaaagggag	cccccgattt	agagcttgac	ggggaaagcc	300
ggcgaaacgtg	gcgagaaagg	aagggaagaa	agcgaaagga	gcgggcgcta	gggcgctggc	360
aagtgtagcg	gtcacgctgc	gcgtaaccac	cacacccgcc	gcgcttaatg	cgccgctaca	420
gggcgcgtcc	attcgccatt	caggctgcgc	aactgttggg	aagggcgatc	ggtgcggggc	480
tcttcgctat	tacgccagct	ggcgaaaggg	ggatgtgctg	caaggcgatt	aagttgggta	540
acgccagggt	tttcccagtc	acgacgttgt	aaaacgcgcg	ccagtgaatt	gtaatacgac	600
tcactatagg	gc					612

<210> 6326
 <211> 462
 <212> DNA
 <213> Homo sapiens

<400> 6326						
caacgtcaaa	gggcgaaaaa	ccgtctatca	gggcgatggc	ccactacgtg	aaccatcacc	60
ctaatacaagt	tttttggggg	cgaggtgccg	taaagcacta	aatcggaacc	ctaaaggagg	120
cccccgattt	agagcttgac	ggggaaagcc	ggcgaaacgtg	gcgagaaagg	aagggaagaa	180
agcgaaaggga	gcgggcgcta	gggcgctggc	aagtgtagcg	gtcacgctgc	gcgtaaccac	240
cacacccgcc	gcgcttaatg	cgccgctaca	gggcgcgtcc	attcgccatt	caggctgcgc	300
aactgttggg	aagggcgatc	ggtgcggggc	tcttcgmtat	tacgccagct	ggcgaaaggg	360
ggaatgtgctg	caaggcgatt	aagttgggta	acgccagggt	tttcccagtc	acgacgttgt	420
aaaacgcgcg	ccagtgaatt	gtaatacgac	tcactatagg	gc		462

<210> 6327
<211> 640
<212> DNA
<213> Homo sapiens

<400> 6327
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tttttaacca ataggccgaa atcggcaaaa tcccttataa atcaaaagaa tagaccgaga 120
tagggttgag tgttgttcca gtttggaaca agagtccact attaaagaac gtggactcca 180
acgtcaaagg gcgaaaaacc gtctatcagg gcgatggccc actacgtgaa ccatcacct 240
aatcaagttt tttggggtcg aggtgccgta aagcactaaa tcggaaccct aaaggagacc 300
cccgatattag agcttgacgg ggaaagccgg cgaacgtggc gagaaaggaa gggaagaaaag 360
cgaaaggagc gggcgctagg gcgctggcaa gtgtagcggc cacgctgccc gtaaccacca 420
caccgcgcgc gcttaatgcg ccgctacagg gcgctccat tcgccattca ggctgcgcaa 480
ctgttgggaa gggcgatcgg tgcgggcctc ttcgctatta cgccagctgg cgaaaggggg 540
atgtgctgca aggcgattaa gttgggtaac gccagggttt tcccagtcac gacgttgtaa 600
aacgacggcc agtgaattgt aatacgactc actatagggc 640

<210> 6328
<211> 640
<212> DNA
<213> Homo sapiens

<400> 6328
aaattgtaag cgttaatat ttgttaaaaat tcgcgttaaa tttttgttaa atcagctcat 60
tttttaacca ataggccgaa atcggcaaaa tcccttataa atcaaaagaa tagaccgaga 120
tagggttgag tgttgttcca gtttggaaca agagtccact attaaagaac gtggactcca 180
acgtcaaagg gcgaaaaacc gtctatcagg gcgatggccc actacgtgaa ccatcacct 240
aatcaagttt tttggggtcg aggtgccgta aagcactaaa tcggaaccct aaaggagacc 300
cccgatattag agcttgacgg ggaaagccgg cgaacgtggc gagaaaggaa gggaagaaaag 360
cgaaaggagc gggcgctagg gcgctggcaa gtgtagcggc cacgctgccc gtaaccacca 420
caccgcgcgc gcttaatgcg ccgctacagg gcgctccat tcgccattca ggctgcgcaa 480
ctgttgggaa gggcgatcgg tgcgggcctc ttcgctatta cgccagctgg cgaaaggggg 540
atgtgctgca aggcgattaa gttgggtaac gccagggttt tcccagtcac gacgttgtaa 600
aacgacggcc agtgaattgt aatacgactc actatagggc 640

<210> 6329
<211> 654
<212> DNA
<213> Homo sapiens

<400> 6329
aataccgcat caggaaattg taagcgttaa tattttgtta aaattcgcgt taaatttttg 60
ttaaatcagc tcatttttta accaataggc cgaaatcggc aaaatccctt ataaatcaaa 120
agaatagacc gagatagggg tgagtgttgt tccagtttgg aacaagagtc cactattaaa 180
gaacgtggac tccaacgtca aaggggcga aaccgtctat cagggcgatg gccactacg 240
tgaaccatca ccctaataca gttttttggg gtcgaggtgc cgtaaagcac taaatcgaa 300
ccctaaaggg agccccgat ttagagcttg acggggaaa cgggcgaacg tggcgagaaa 360
ggaaggggag aaagcgaaa ggcggggcgc tagggcgctg gcaagtgtag cggtcacgt 420
gcgcgtaacc accacacccg ccgcgcttaa tgcgcgcgta cagggcgcgt ccattcgcca 480
ttcaggctgc gcaactgttg ggaagggcga cctcttcgct attacgccag 540
ctggcgaaaag ggggatgtgc tgcaaggcga ttaagttggg taacgccagg gttttccag 600
tcacgacgtt gtaaaacgac ggccagtga ttgtaatac actcactata gggc 654

<210> 6330
<211> 414
<212> DNA

<213> Homo sapiens

<400> 6330
tgaaccatca ccctaataca gtttttttggg gtggaggtgc cgtaaagcac taaatcgga 60
ccctaaaggg agccccgat ttagagcttg acggggaaag ccggcgaacg tggcgagaaa 120
ggaagggaag aaagcgaag gagcgggccc tagggcgctg gcaagtgtag cggtcacgct 180
gcgggtaacc accaccaccg ccgcgcttaa tgcgccgcta cagggcgctg ccattcgcca 240
ttcaggctgc gcaactgttg ggaagggcga tcggtgcggg cctyttcgct attacgccag 300
ctggcgaaaag ggggatgtgc tgcaaggcga ttaagttggg taacgccagg gttttcccag 360
tcacgacgtt gtaaaacgac ggccagtga tttgtaatac actcactata gggc 414

<210> 6331

<211> 647

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (29)

<223> n equals a,t,g, or c

<400> 6331
cgcatacagga aatgtaagcg ttaatatntt gtaaaattcg cgttaaattt ttgttaaata 60
agctcatttt ttaaccaata ggccgaaatc ggcaaaatcc cttataaatc aaaagaatag 120
accgagatag ggttgagtgt tgttccagtt tggaacaaga gtccactatt aaagaacgtg 180
gactccaacg tcaaaggcg aaaaaccgtc tatcagggcg atggccact acgtgaacca 240
tcaccctaata caagtttttt ggggtcagag tgccgtaaa cactaaatcg gaaccctaaa 300
gggagcccc gatttagagc ttgacgggga aagccggcga acgtggcgag aaaggaaggg 360
aagaaagcga aaggagcggg cgctagggcg ctggcaagt tagcggtcac gctgcgcgta 420
accaccacac ccgccgcgct taatgcgccg ctacagggcg cgtccattcg ccattcaggc 480
tgcgcaactg ttgggaaggg cgatcggtgc gggcctcttc gctattacgc cagctggcga 540
aagggggatg tgctgcaagg cgattaagtt gggtaacgcc agggtttttc cagtcacgac 600
gttgtaaaac gacggccagt gaattgtaat acgactcact atagggc 647

<210> 6332

<211> 640

<212> DNA

<213> Homo sapiens

<400> 6332
aaattgtaag cgtaatatatt ttgttaaaat tcgcgttaaa tttttgttaa atcagctcat 60
tttttaacca ataggccgaa atcggcaaaa tccsttataa atcaaaagaa tagaccgaga 120
tagggttgag tgttggtcca gtttgaaca agagtccact attaaagaac gtggactcca 180
acgtcaaagg gcgaaaaacc gtctatcagg gcgatggccc actacgtgaa ccatcacct 240
aatcaagttt tttggggctg aggtgccgta aagcactaaa tcggaaccct aaagggagcc 300
cccgatntag agcttgacgg ggaaagccgg cgaacgtggc gagaaagsaa gggaagaaag 360
cgaaaggagc gggcgctagg gcgctggcaa gtgtagcggg cacgctgcgc gtaaccacca 420
caccgcgccg gcttaatgcg ccgytacagg gcgcgtccat tcgccattca ggctgcgcaa 480
ctgttgggaa gggcgatcgg tgcgggcctc ttcgctatta cgccagctgg cgaaaggggg 540
atgtgctgca aggcgattaa gttgggtaac gccagggttt tcccagtcac gacgttgtaa 600
aacgacggcc agtgaattgt aatacgactc actatagggc 640

<210> 6333

<211> 640

<212> DNA

<213> Homo sapiens

<400> 6333

aaattgtaag	cgттаататт	ttgttaagat	tcgcgttaaa	tttttgttaa	atcagctcat	60
tttttaacca	ataggccgaa	atcggcaaaa	tcccttataa	atcaaaagaa	tagaccgaga	120
taggggttgag	tgттгттсса	gtttggaaca	agagtccact	attaaagaac	gtggactcca	180
acgtcaaagg	gcgaaaaacc	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacccct	240
aatcaagttt	tttggggtcg	aggtgccgta	aagcactaaa	tcggaaccct	aaagggagcc	300
cccgatttag	agcttgacgg	ggaaagccgg	cgaacgtggc	gagaaaggaa	gggaagaaaag	360
cgaaaggagc	gggcgctagg	gcgctggcaa	gtgtagcggт	cacgctgcgc	gtaaccacca	420
cacccgccgc	gctтаатгсг	ccgctacagg	gcgcgtccat	tcgccattca	ggctgcgcaa	480
ctgttgggaa	gggcgatcgg	tcggggcctc	ttcgctatta	cgccagctgg	cgaaaggggg	540
atgtgctgca	aggcgattaa	gttgggtaac	gccagggttt	tcccagtcac	gacgttgtaa	600
aacgacggcc	agtgaattgt	aatacgactc	actatagggc			640

<210> 6334
 <211> 571
 <212> DNA
 <213> Homo sapiens

<400> 6334						
aataggccga	aatcggcaaa	atcccttata	aatcaaaaga	atagaccgag	atagggttga	60
gtgttgttcc	agtttggaac	aagagtcac	tattaaagaa	cgtggactcc	aacgtcaaag	120
ggcgaaaaac	cgtctatcag	ggcgatggcc	cactacgtga	accatcaccc	taatcaagtt	180
ttttggggtc	gaggtgccgt	aaagcactaa	atcggaaccc	taaagggagc	ccccgattta	240
gagcttgacg	gggaaagccg	gcgaacgtgg	cgagaaagga	aggggaagaaa	gcgaaaggag	300
cgggcgctag	ggcgctggca	agtgtagcgg	tcacgctgcg	cgtaaccacc	acacccgccg	360
cgctтаатгс	gccgctacag	ggcgctccca	ttcgccattc	aggctgcgca	actgттggga	420
agggcgatcg	gtgcgggcct	cttcgctatt	acgccagctg	gcgaaagggg	gatgtgctgc	480
aaggcgatta	agttgggtaa	cgccagggtt	ttcccagtc	cgacgttgta	aaacgacggc	540
cagtgaattg	taatacgact	cactataggg	c			571

<210> 6335
 <211> 640
 <212> DNA
 <213> Homo sapiens

<400> 6335						
aaattgtaag	cgттаататт	ttgttaaaaat	tcgcgttaaa	tttttgttaa	atcagctcat	60
tttttaacca	ataggccgaa	atcggcaaaa	tcccttataa	atcaaaagaa	tagaccgaga	120
taggggttgag	tgттгттсса	gtttggaaca	agagtccact	attaaagaac	gtggactcca	180
acgtcaaagg	gcgaaaaacc	gtctatcagg	gcgatggccc	actacgtgaa	ccatcacccct	240
aatcaagttt	tttggggtcg	aggtgccgta	aagcactaaa	tcggaaccct	aaagggagcc	300
cccgatttag	agcttgacgg	ggaaagccgg	cgaacgtggc	gagaaaggaa	gggaagaaaag	360
cgaaaggagc	gggcgctagg	gcgctggcaa	gtgtagcggт	cacgctgcgc	gtaaccacca	420
cacccgccgc	gctтаатгсг	ccgctacagg	gcgcgtccat	tcgccattca	ggctgcgcaa	480
ctgttgggaa	gggcgatcgg	tcggggcctc	ttcgctatta	cgccagctgg	cgaaaggggg	540
atgtgctgca	aggcgattaa	gttgggtaac	gccagggttt	tcccagtcac	gacgttgtaa	600
aacgacggcc	agtgaattgt	aatacgactc	actatagggc			640

<210> 6336
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (88)
 <223> n equals a,t,g, or c

<400> 6336

<210> 6340
 <211> 624
 <212> DNA
 <213> Homo sapiens

<400> 6340
 tatttttgta aaattcgcgt taaatttttg ttaaaccagc tcatttttta accaataggc 60
 ggaaatcggc aaaatccctt ataaatcaaa agaatagacc gagatagggt tkagtgttgt 120
 tccagtttgg aacaagagtc cactattaaa gaacgtggac tccaacgtca aagggcgaaa 180
 aaccgtctat cagggcgcgt gccactacg tgaaccatca ccctaataca gttttttggg 240
 gtcgaggtgc cgtaaagcac taaatcgga ccctaaagg agccccgat ttagagcttg 300
 acggggaaaag ccggcgaaac tggcgagaaa ggaagggaaag aaagcgaaag gagcggggcg 360
 tagggcgctg gcaagtgtag cggtcacgct gcgcgtaacc accacaccg ccgcgcttaa 420
 tgcgccgcta cagggcgctt ccattcgcca ttcaggctgc gcaactgttg ggaagggcga 480
 tcgggtgcggg cctcttcgct attacgccag ctggcgaaa ggggatgtgc tgcaaggcga 540
 ttaagttggg taacgccagg gttttcccag tcacgacgtt gtaaaacgac ggccagtga 600
 ttgtaatacgc actcactata gggc 624

<210> 6341
 <211> 509
 <212> DNA
 <213> Homo sapiens

<400> 6341
 gttgttccag tttggaacaa gagtccacta ttaaagaacg tggactccaa cgtcaaagg 60
 cgaaaaaccg tctatcaggc cgatggccca ctacgtgaac catcaccta atcaagtttt 120
 ttggggtcga ggtgccgtaa agcactaaat cggaacccta aaggagagccc ccgatttaga 180
 gcttgacggg gaaagccggc gaacgtggcg agaaaggaag ggaagaaagc gaaaggagcg 240
 ggcgctaggc cgctggcaag ttagcggctc acgctgcgcg taaccaccac acccgccgcg 300
 cttaatgcgc cgctacaggc cgctccatt cgccattcag gctgcgcaac tgttgggaag 360
 ggcgctcggc gcgggcctct tcgctattac gccagctggc gaaaggggga tgtgctgcaa 420
 ggcgattaag ttgggtaacg ccagggtttt ccagtcacg acgttgtaaa acgacggcca 480
 gtgaattgta atacgactca ctatagggc 509

<210> 6342
 <211> 654
 <212> DNA
 <213> Homo sapiens

<400> 6342
 aaatacgcac caggaaattg taagcgtaa tatttttgta aaattcgcgt taaatttttg 60
 ttaaatacgc tcatttttta accaataggc cgaaatcggc aaaatccctt ataaatcaaa 120
 agaatagacc gagatagggt tgagtgttgt tccagtttgg aacaagagtc cactattaaa 180
 gaacgtggac tccaacgtca aagggcgaaa aaccgtctat cagggcgcgt gccactacg 240
 tgaaccatca ccctaataca gttttttggg gtcgaggtgc cgtaaagcac taaatcgga 300
 ccctaaaggg agccccgat ttagagcttg acggggaaag ccggcgaaac tggcgagaaa 360
 ggaaggggaag aaagcgaaag gagcggggcg tagggcgctg gcaagtgtag cggtcacgct 420
 gcgcgtaacc accacaccg ccgcgcttaa tgcgccgcta cagggcgctt ccattcgcca 480
 ttcaggctgc gcaactgttg ggaagggcga tcgggtgcggg cctcttcgct attacgccag 540
 ctggcgaaa ggggatgtgc tgcaaggcga ttaagttggg taacgccagg gttttcccag 600
 tcacgacgtt gtaaaacgac ggccagtga ttgtaatac actcactata gggc 654

<210> 6343
 <211> 546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (20)
 <223> n equals a,t,g, or c

<400> 6343
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 tccactatta aagaacgtgg actccaacgt caaagggcga aaaaccgtct atcagggcga 120
 tggccacta cgtgaaccat caccctaatac aagttttttg gggtcgaggt gccgtaaagc 180
 actaaatcgg aaccctaaag ggagcccccg atttagagct tgacggggaa agccggcgaa 240
 cgtggcgaga aaggaaggga agaaagcgaa aggagcgggc gctagggcgc tggcaagtgt 300
 agcggtcacg ctgcgcgtaa ccaccacacc cgccgcgctt aatgcgcccgc tacagggcgc 360
 gtccattcgc cattcaggct gcgcaactgt tgggaagggc gatcgggtgcg ggcctcttcg 420
 ctattacgcc agctggcgaa aggggggatgt gctgcaaggc gattaagttg ggtaacgcca 480
 gggttttccc agtcacgacg ttgtaaaaacg acgggccagt gatttgaata cgactcacta 540
 tagggc 546

<210> 6344
 <211> 654
 <212> DNA
 <213> Homo sapiens

<400> 6344
 aataccgcat caggaaattg taagcgttaa ttttttgta aaattcgcgt taaatttttg 60
 ttaaatcagc tcatttttta accaataggc cgaaatcggc aaaatccctt ataaatcaaa 120
 agaatagacc gagatagggt tgagtgttgt tccagtttgg aacaagagtc cactattaaa 180
 gaacgtggac tccaacgtca aagggcgaaa aaccgtctat cagggcgatg gccactacg 240
 tgaaccatca ccctaataca gttttttggg gtcgaggtgc cgtaaagcac taaatcggaa 300
 ccctaaaggg agccccgat ttagagcttg acggggaaaag ccggcgaaacg tggcgagaaa 360
 ggaaggggaag aaagcgaaaag gagcgggcgc tagggcgctg gcaagtgtag cggtcacgct 420
 gcgcgtaacc accacacccg ccgcgcttaa tgcgccccta cagggcgctg ccattcgcca 480
 ttcaggctgc gcaactgttg ggaagggcga tccgtgcggg cctcttcgct attacgccag 540
 ctggcgaaaag ggggatgtgc tgcaaggcga ttaagttggg taacgccagg gttttcccag 600
 tcacgacgtt gtaaaacgac ggccagttaa ttgtaatac gactcactata gggc 654

<210> 6345
 <211> 1564
 <212> DNA
 <213> Homo sapiens

<400> 6345
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 cctgtcgggt acccgatga tgccctcatc aaacacattg actccacact ggagaacagc 120
 aagatctagg gcaccagccc caccactgg ctgtttctcc gtcctctcct atcaccccca 180
 aacactcact ttgaatgctg catgaatctc gtgggggggtc cctgcccttg cgacccccag 240
 atacctccac ttgctaccga gtcaacgtgt gtgccatctt ccctgggtcca ggcaccactc 300
 agctctgggt ctctctggga ggtcagccga ggctccccc atgctcctgg tttctgctta 360
 ggaggtgggg acttgggctg ggatggggac ggcatacccc tcccaggcct ctccctctgc 420
 ctttctgttc ttaatcaggg ttggatccaa gaaggtgtcc agtgcttggg cctgggggtgg 480
 ggggaagggt ttagaggact ccaggagctc ctgcaccctt ccccaaattg catctttct 540
 cagacggggc tctgtctggg gagcaccac aggcctgcctt tgggggtcca gagcctgctc 600
 tgtgcaactga cccagttcc tccatcctgt ggccagccta gggctcatgg catggggcccc 660
 cactggggga gggaggcatc ttgtttcttg tggttccctg caggccagtc ctgtcctcct 720
 ttccctgttc tgccactct ggggaatagg gagggggagga gaggagagga gagggaggat 780
 cctggaggac tgggaagatc tagcctaaag aggccttctct gagggccagg gccctacagc 840
 atgccccac ggcacgggga ctgtctgcca gcctcccagg ccatgcccct cctggtgccc 900
 ctggcactga ggcacagatc gtcaaggcag gtaccccctc aacccttctt ccactggagc 960
 ccctgacacc acaggtgccc tggagccctt gtgtgactca gcctctgtta gctgggtggg 1020

tgatcatcagc	ccctgcctcc	caggccagaa	cctgagaacg	ggcccagggt	gctgtggaga	1080
tcaacttcaa	aagagctaac	cccttcccac	actccaccca	cccacctaca	tttctctgt	1140
gaaatctacc	tcagagttgt	accctcagaa	ggacgggtaa	gcaggaggcc	aggggggtccc	1200
cagggctgag	gtggggagcc	ttctacggcg	aaagcctgcc	accccacaa	gaatccaccc	1260
tgctccactg	cgcgcctctc	ccaggctctca	gctctgggtg	gggagcagtg	gccgctaccg	1320
acagcgcag	tcccgcctct	atccaaactct	tccaggcccc	acctccctgc	acccctcccc	1380
tctatagagc	aggggagtg	aggggtatgt	caggcgggga	agggggccaag	gacacgtcat	1440
tgtaccctga	gcgtccccag	ggagtgga	tggggaagg	ggcctggaga	ggggaggcag	1500
gggcccctgt	gctctctgaa	caagttgaaa	gtccaaataa	aacttacctg	ttccatctgt	1560
gctc						1564

<210> 6346
 <211> 1670
 <212> DNA
 <213> Homo sapiens

<400> 6346						
ggaaatcttt	tacagtcttt	atatgtaaga	tccaggcggg	ggcaggggga	atggccttgg	60
ctgttatctg	ccagggttta	atgttgagac	atggccgttt	cacaactgca	gggtgcggga	120
agattagatg	acctgaatgc	tggtggtaag	taaagcctca	cacttcacat	tattccttaa	180
ttgtctgttt	ttaaaaat	gtcttaaaaa	aatattaagg	tggcaacata	ttcagggtgg	240
aacagagggt	ggggtgacca	gtgacaaact	gacttccatg	tctctggcta	atcttgattt	300
ctggagccag	gtccagact	aagtctggac	aatcaattaa	ttagcctttc	tatatgtatt	360
gcctgatgaa	tgatttcaat	gctggacatt	gaacaatgg	ctgttgcaac	aggggtaggc	420
cattgtctct	ggcagggtgg	gagatggggg	ctcttgtag	ctccatttga	ttacaagagc	480
cttgaatcac	caaaacataa	agatgtactc	gaatagaaga	gtccgttggt	tgactggtaa	540
atttaaggat	gtgtttgacc	ctcgtgcatt	aaaacagaca	attggccggg	tgcggtggct	600
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<223> n equals a,t,g, or c

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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 <212> DNA
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 <213> Homo sapiens

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 <212> DNA
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<212> DNA
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<211> 289
<212> DNA
<213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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<212> DNA

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 <212> DNA
 <213> Homo sapiens

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<212> DNA
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 <213> Homo sapiens

<400> 6483
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<212>	DNA

<213> Homo sapiens

<400> 6487

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<211> 970

<212> DNA

<213> Homo sapiens

<400> 6488

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<212> DNA

<213> Homo sapiens

<400> 6489

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<210> 6490

<211> 384

<212> DNA

<213> Homo sapiens

<400> 6490

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<210> 6491

<211> 139

<212> DNA

<213> Homo sapiens

<400> 6491

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<210> 6492

<211> 384

<212> DNA

<213> Homo sapiens

<400> 6492

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<211> 5205

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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 <212> DNA
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ggaaatgcat	tctggtggca	tatagtctca	aagcatggaa	gagtatgctg	ttacataact	300
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tgatatcaga	tcaaaaggag	ttaagtgtat	atgcagtcac	cggataataa	ggtatcagac	420
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aaataaaa						487

<210> 6540
 <211> 487
 <212> DNA
 <213> Homo sapiens

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<210> 6541
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<400> 6541						
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gtgctcaaag	agaacaattt	gtggttgttg	tatgccagtc	aattcagtc	tcattggagct	480
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cataaaaagg	aaaagttaga	tatctggagg	attcagatga	cacaaagaaa	ataagttgaa	1140
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ttaaagtatt	ttt					1213

<210> 6542
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<400> 6542

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gtgctcaaag	agaacaatth	gtggttgttg	tatgccagtc	aattcagtc	tcattggagct	480
tagttgttta	ctgtattgca	tgctaagcag	tagactctag	gaatctaata	aatttgattc	540
tcacattggg	cctgtttgcc	acaaacattg	ccatgcctca	agaacctcac	aagtttgttt	600
ttcttagaac	agtgcataatg	tagttctcat	actctgcaag	tgtttgcctc	agcataattg	660
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cataaaaagg	aaaagttaga	tatctggagg	attcagatga	cacaaagaaa	ataagttgaa	1140
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<210> 6543
 <211> 1621
 <212> DNA
 <213> Homo sapiens

<400> 6543						
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aaattgagac	caatgagcat	ggttgtatgt	ttttttccag	ccacatttag	ttgcacaggt	300
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ggcaaaacaa	agaagtccc	taacctttta	agaaatttaa	tcatacttaa	ccaccacctc	1500
cccaacctcc	tgcccaaaac	accaagccta	gagtaatttg	ggggatgaat	tctatcaaac	1560
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<210> 6544
 <211> 1621

<212> DNA
<213> Homo sapiens

<400> 6544
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ggactagggg agtatctgtg tgtgcattat agtccactaa aggttcaaag taatgaattt 240
aaattgagac caatgagcat ggttgatgtg tttttccag ccacatttag ttgcacaggt 300
gcgggtgtgg agtaggcaga aaattggatt taaacaaggt tatagttttg ccaagcacta 360
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aagaggagag tgaagggaca tcaagagcat gagagacagt ggagatttca tgaggttgaa 480
caatgaacaa tagttcagga tcaccctagt agaaagaata agctggaaaag atacgatgtg 540
gagatacaga attgagatta tggaggggtt atagtttttt gtaatggcaa caaaaagtta 600
gctgaagaag aaaagaatac ttctgaaaag tataaacttc cttgtagata ctgcatgggt 660
aaggaggtaa ttataatgag aattacaaaa tagttagagc tgaacaacaa tgaaattact 720
tcacattaga tctttagtag tagctaaaga gagaaaactg taaccttaaa tacatgttta 780
aggttaaaaa attagaaaaa gtgaaaataa atgagctaag ctttcaactc aagaagttga 840
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a 1621

<210> 6545
<211> 711
<212> DNA
<213> Homo sapiens

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cgagtaactg gggattatgat catcttgaga atttatcatt tctttgtgtt aggaacagtc 660
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<210> 6546
<211> 711
<212> DNA
<213> Homo sapiens

<400> 6546
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tgctgctgtt	ttcgagcctt	atctcgtctg	tgttcctcat	aagtgtagtc	atcagtgggc	180
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caattccact	cttttagtta	ttttaaaata	tgcaataaat	tattaactgt	a	711

<210> 6547
 <211> 711
 <212> DNA
 <213> Homo sapiens

<400> 6547						
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cagccccagc	ctcctcacgt	gtacatggct	ccatggaggt	tctccagtcg	gttctgctgc	120
tgctgctgtt	ttcgagcctt	atctcgtctg	tgttcctcat	aagtgtagtc	atcagtgggc	180
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<210> 6548
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 6548						
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<210> 6549
 <211> 837
 <212> DNA
 <213> Homo sapiens

<400> 6549						
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ctagaaaaca	gtaaaacata	aatgttaa	tattgtagtt	aattacttgt	tataactgtg	540
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taaatatggt	aacattat	cattttccat	gacttaaaat	taacttttct	acatgtcaaa	660
aatatactca	gtttctctgt	catgatttct	gtacatttga	caaatggagt	aggaagtatt	720
ctttctgagt	tttgaggaat	ttctggagca	gtccgtctta	agcaatcaag	actgtggaag	780
aaaagctgtc	aactcaacta	tttgcttttt	ttaaccaata	aaattgcctc	atcagca	837

<210> 6550
 <211> 837
 <212> DNA
 <213> Homo sapiens

<400> 6550						
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ttgcatcatt	tattgttctt	ttacagattt	taatccctt	tggtcttggt	atgtgtgctt	180
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aaacatttga	tttgccctatt	tttagggagt	gagagtaa	tttcgaagac	atttcatatg	300
attgctatta	agacactgta	acatagattg	tttattacaa	aaatgagaaa	attttcacc	360
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acttgctttc	tcagcaataa	aatgttatta	gagtattatt	caagctagt	aagaacctcc	480
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cctacaaaaa	gcaaaagata	ctctaacttt	tatttttggtt	tatttcttaa	atatgttata	600
taaatatggt	aacattat	cattttccat	gacttaaaat	taacttttct	acatgtcaaa	660
aatatactca	gtttctctgt	catgatttct	gtacatttga	caaatggagt	aggaagtatt	720
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<210> 6551
 <211> 837
 <212> DNA
 <213> Homo sapiens

<400> 6551						
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aaacatttga	tttgccctatt	tttagggagt	gagagtaa	tttcgaagac	atttcatatg	300
attgctatta	agacactgta	acatagattg	tttattacaa	aaatgagaaa	attttcacc	360
gttttagtcag	tggttgctt	cattagagga	aattagttga	ttagggcctc	tagcagacaa	420
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cctacaaaaa	gcaaaagata	ctctaacttt	tatttttggtt	tatttcttaa	atatgttata	600
taaatatggt	aacattat	cattttccat	gacttaaaat	taacttttct	acatgtcaaa	660
aatatactca	gtttctctgt	catgatttct	gtacatttga	caaatggagt	aggaagtatt	720
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<210> 6552
 <211> 555
 <212> DNA
 <213> Homo sapiens

<400> 6552						
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